

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054503.D
 Acq On : 3 Aug 2022 17:24
 Operator : CG/JU
 Sample : N3935-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-142

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/04/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 00:44:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	17941	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	69168	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	53155	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	132269	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	147154	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	156354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	87728	102.093	ng	0.00
7) Phenol-d6	7.183	99	117743	99.999	ng	0.01
23) Nitrobenzene-d5	9.146	82	78689	61.953	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	105439	94.475	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	239461	63.551	ng	-0.01
79) Terphenyl-d14	19.974	244	485466	65.446	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.407	178	16823	2.554	ng	96
75) Fluoranthene	19.416	202	34933	3.890	ng	96
78) Pyrene	19.780	202	46086	5.458	ng	99
83) Chrysene	21.678	228	29621	3.356	ng	97
88) Benzo(b)fluoranthene	23.823	252	34542m	3.736	ng	
90) Benzo(a)pyrene	24.680	252	23599	2.988	ng	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

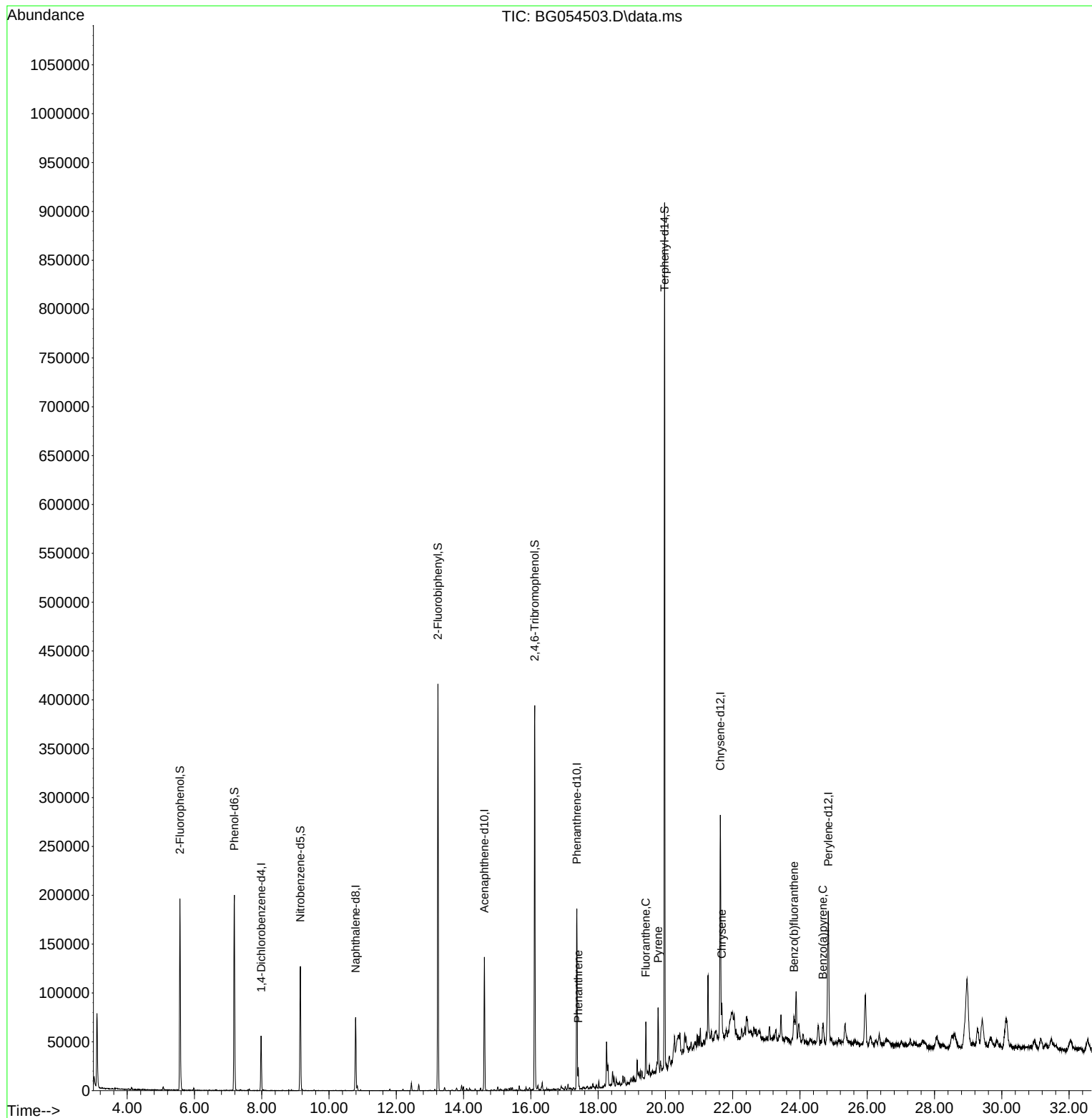
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054503.D
Acq On : 3 Aug 2022 17:24
Operator : CG/JU
Sample : N3935-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

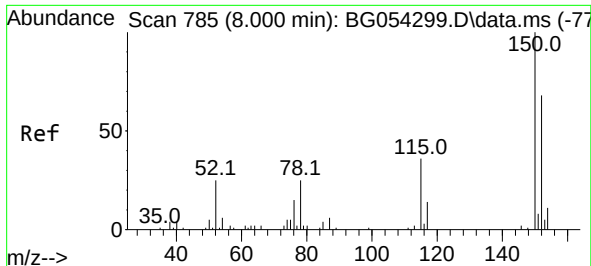
Instrument :
BNA_G
ClientSampleId :
RVE-142

Quant Time: Aug 04 00:44:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
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APPROVED

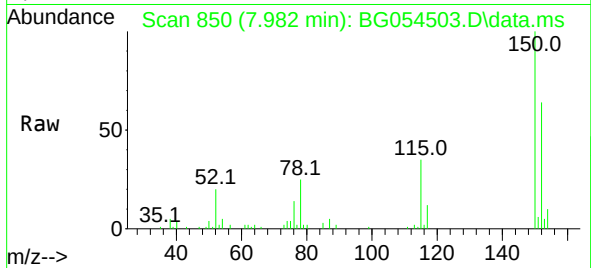
Reviewed By : Christian Giraldo 08/04/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.982 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

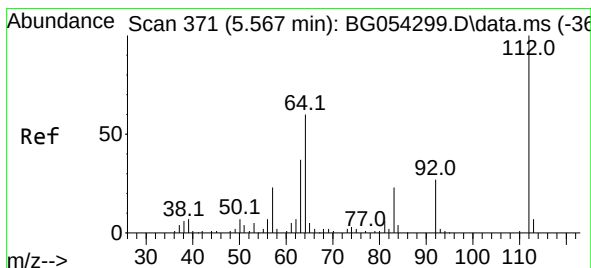
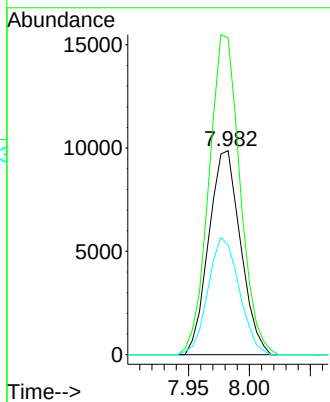
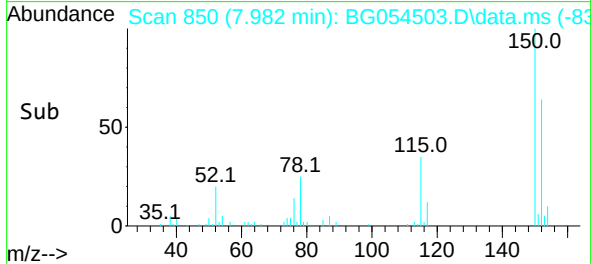
Instrument :
BNA_G
ClientSampleId :
RVE-142



Tgt Ion:152 Resp: 1794
Ion Ratio Lower Upper
152 100
150 155.4 131.6 197.4
115 53.8 50.9 76.3

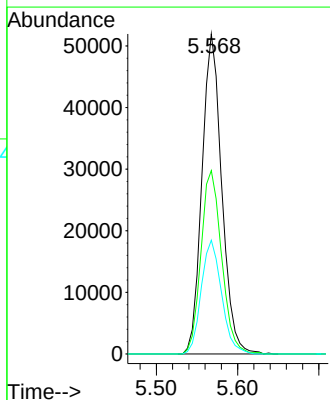
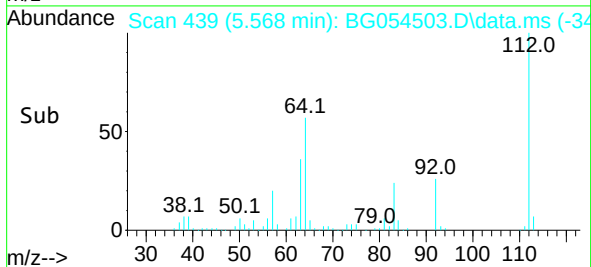
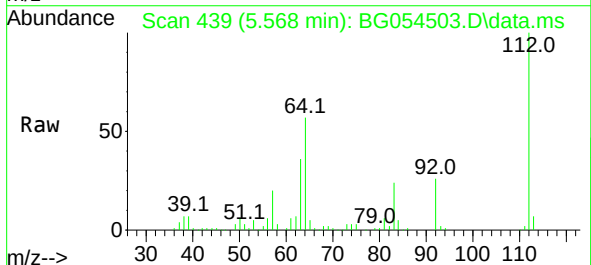
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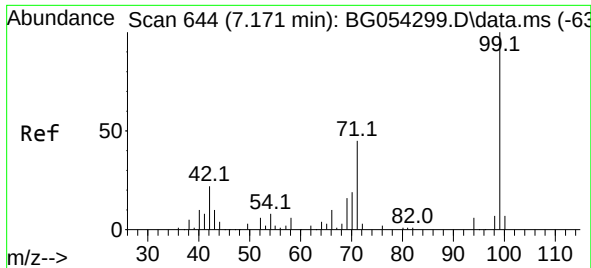
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 102.093 ng
RT: 5.568 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

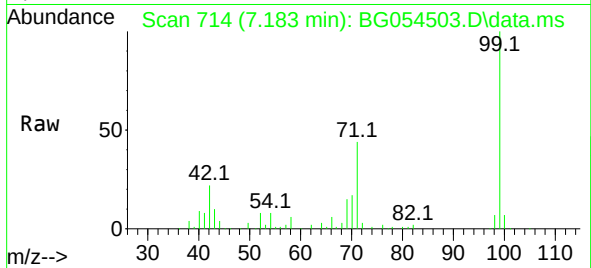
Tgt Ion:112 Resp: 87728
Ion Ratio Lower Upper
112 100
64 57.3 55.1 82.7
63 35.6 30.4 45.6





#7
Phenol-d6
Concen: 99.999 ng
RT: 7.183 min Scan# 71
Delta R.T. 0.012 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

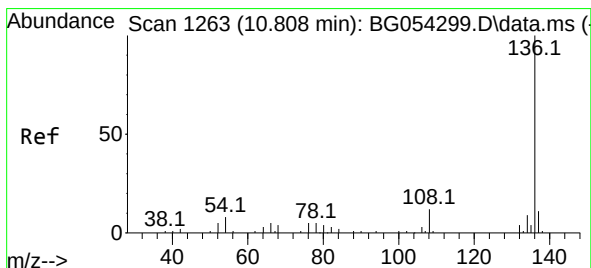
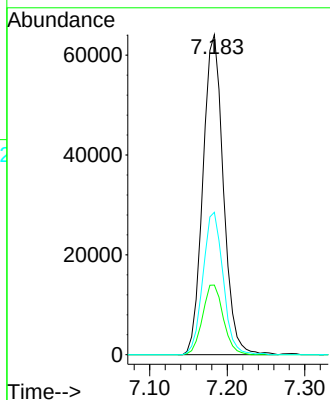
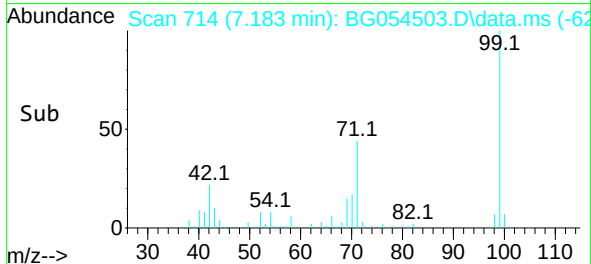
Instrument :
BNA_G
ClientSampleId :
RVE-142



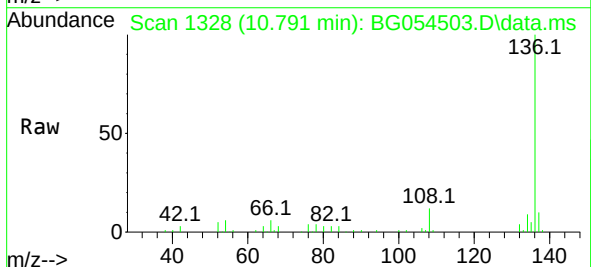
Tgt Ion: 99 Resp: 11774
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 44.5 33.8 50.8

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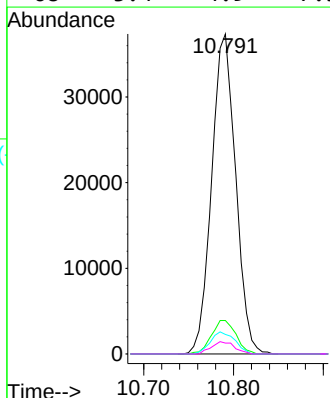
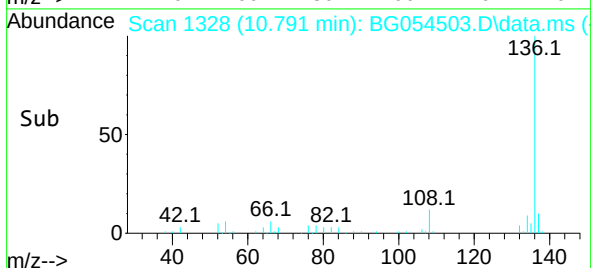
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

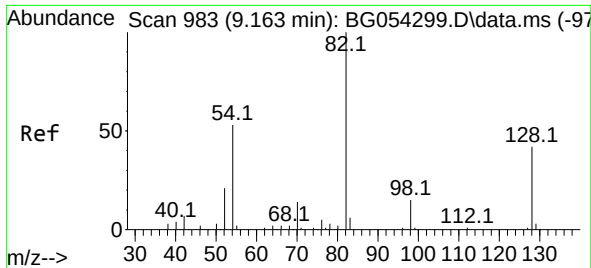


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24



Tgt Ion:136 Resp: 69168
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.1 7.4 11.2#
68 3.4 4.9 7.3#





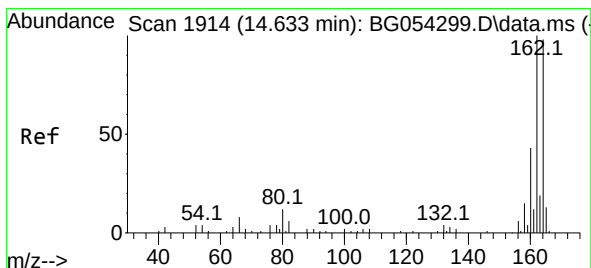
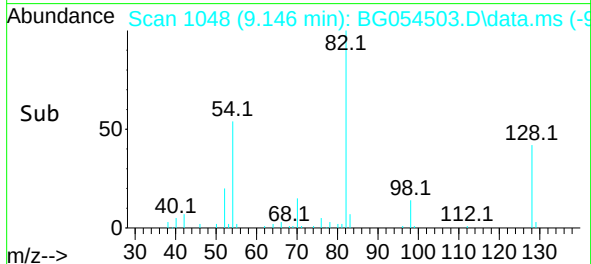
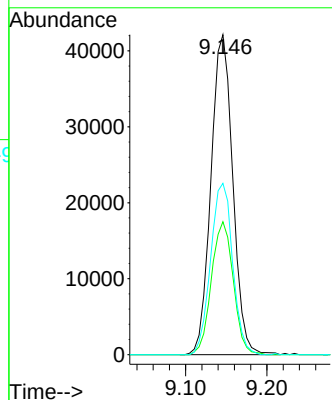
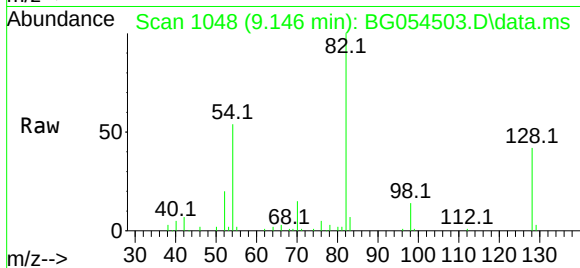
#23
Nitrobenzene-d5
Concen: 61.953 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

Instrument :
BNA_G
ClientSampleId :
RVE-142

Tgt Ion: 82 Resp: 78689
Ion Ratio Lower Upper
82 100
128 41.5 27.9 41.9
54 53.6 41.2 61.8

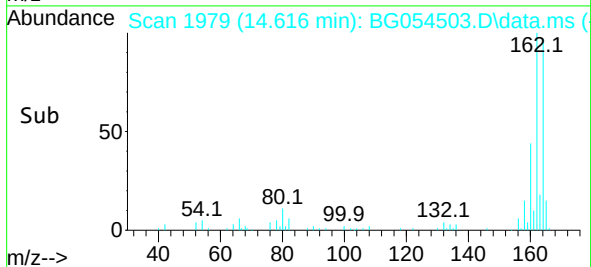
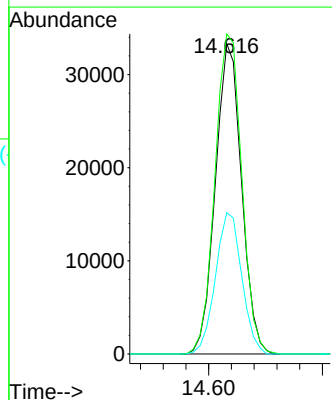
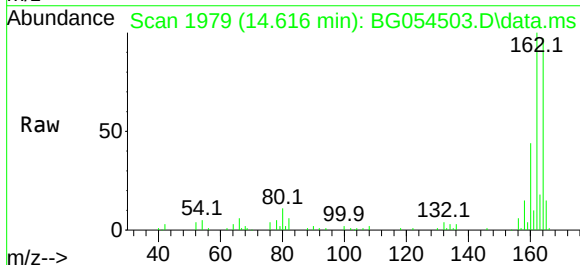
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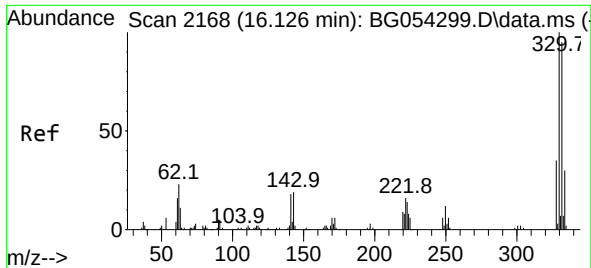
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

Tgt Ion:164 Resp: 53155
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 45.5 34.2 51.2





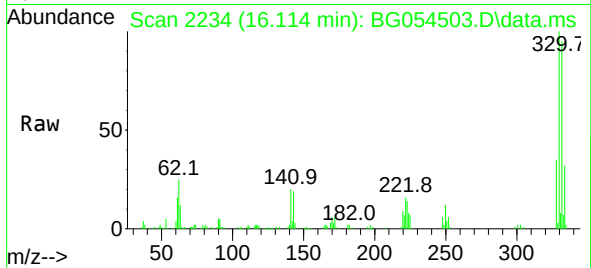
#42
2,4,6-Tribromophenol
Concen: 94.475 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

Instrument :

BNA_G

ClientSampleId :

RVE-142

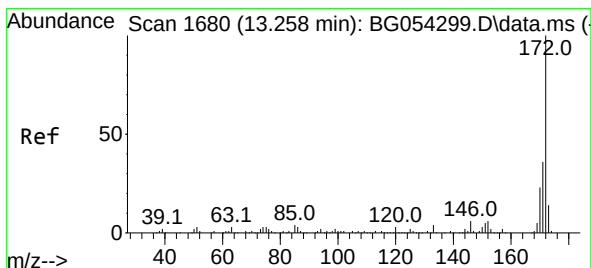
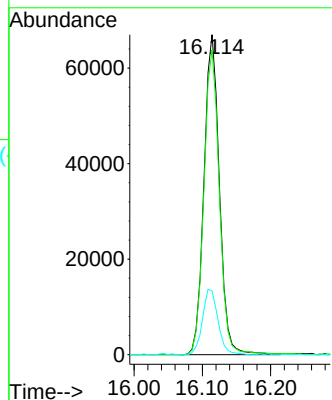
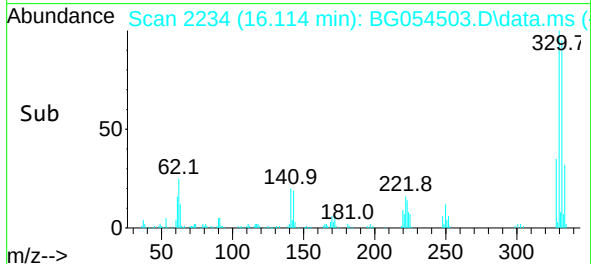


Tgt Ion:330 Resp: 105439
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 20.6 27.1 40.7

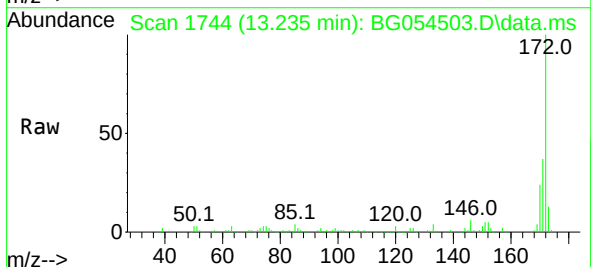
Manual Integrations

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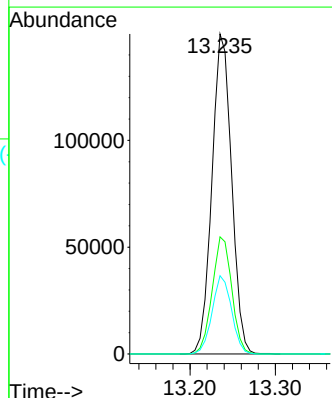
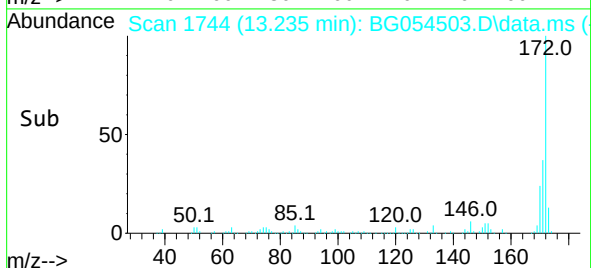
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

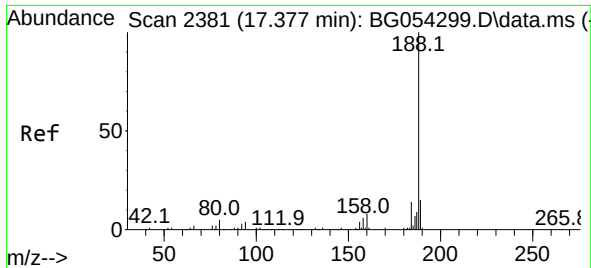


#45
2-Fluorobiphenyl
Concen: 63.551 ng
RT: 13.235 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24



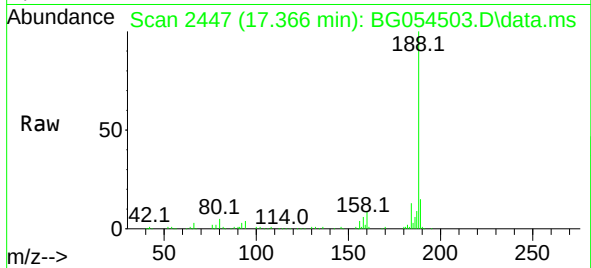
Tgt Ion:172 Resp: 239461
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 24.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

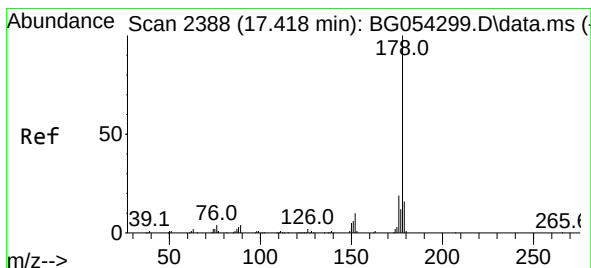
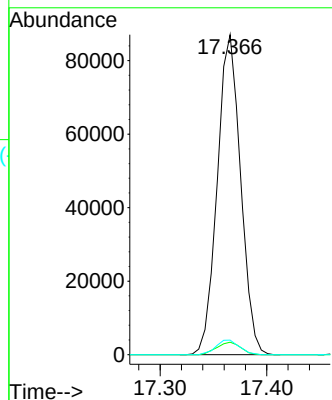
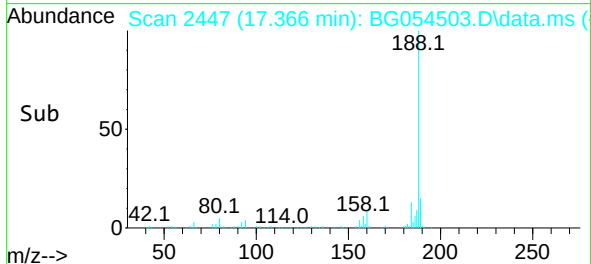
Instrument :
BNA_G
ClientSampleId :
RVE-142



Tgt Ion:188 Resp: 132269
Ion Ratio Lower Upper
188 100
94 3.9 5.4 8.0
80 4.6 6.8 10.2

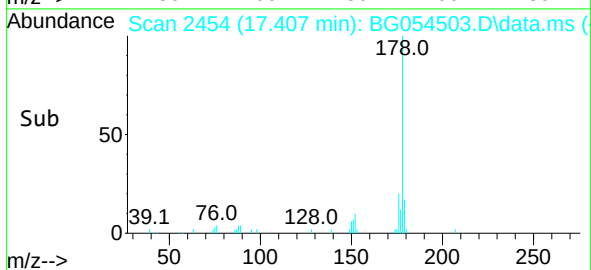
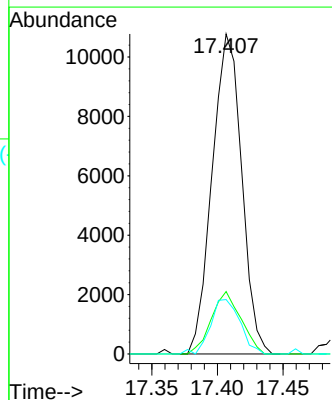
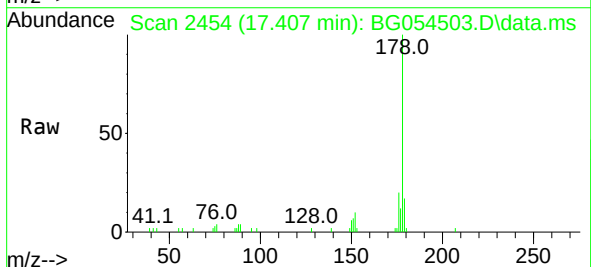
Manual Integrations
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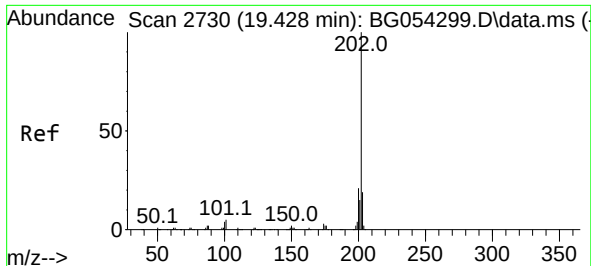
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#71
Phenanthrene
Concen: 2.554 ng
RT: 17.407 min Scan# 2454
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

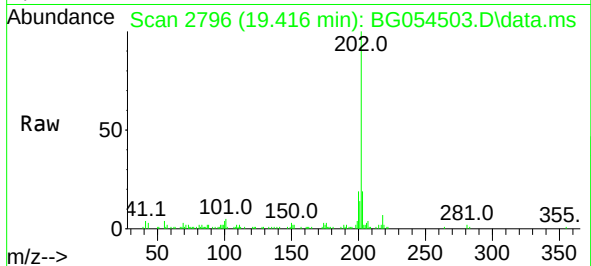
Tgt Ion:178 Resp: 16823
Ion Ratio Lower Upper
178 100
176 19.5 14.1 21.1
179 17.0 12.1 18.1





#75
Fluoranthene
Concen: 3.890 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

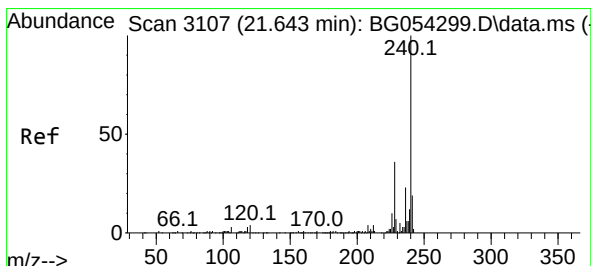
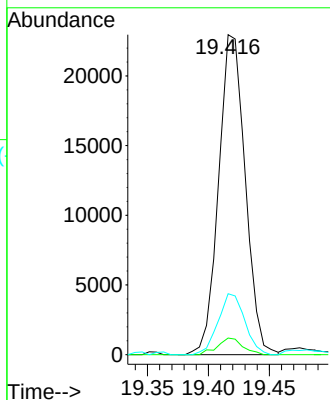
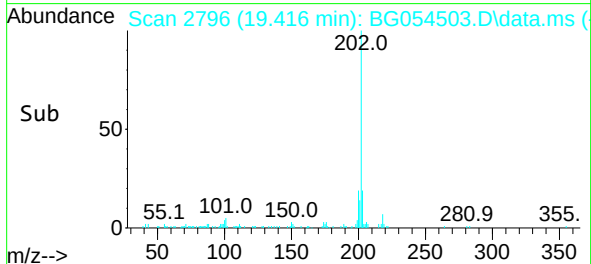
Instrument :
BNA_G
ClientSampleId :
RVE-142



Tgt Ion:202 Resp: 3493
Ion Ratio Lower Upper
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101 5.2 0.0 26.9
203 19.1 0.0 37.2

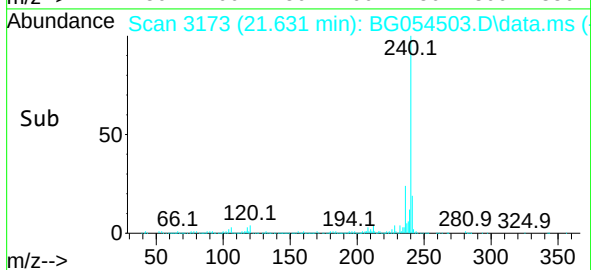
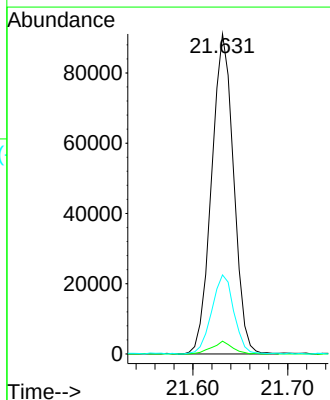
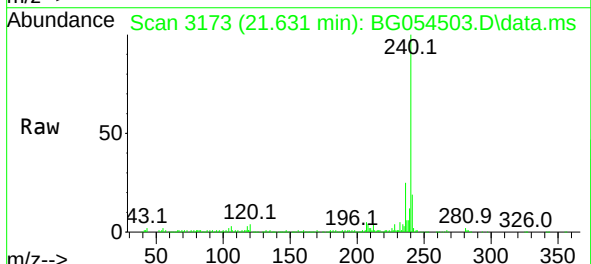
Manual Integrations
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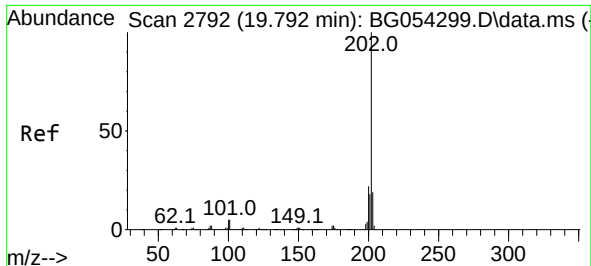
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

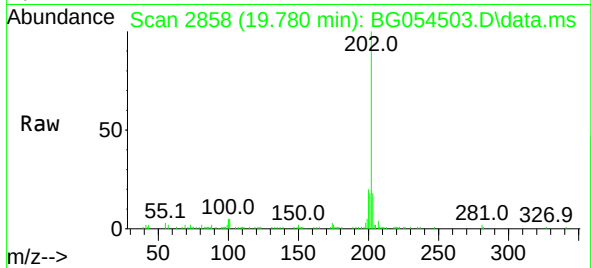
Tgt Ion:240 Resp: 147154
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.7 20.2 30.4





#78
Pyrene
Concen: 5.458 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

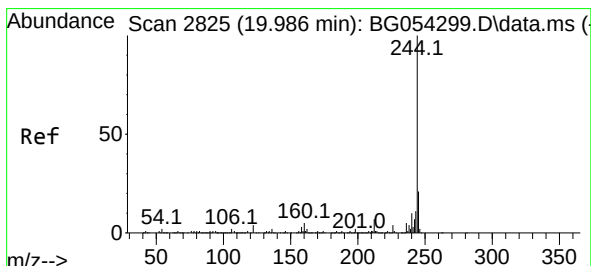
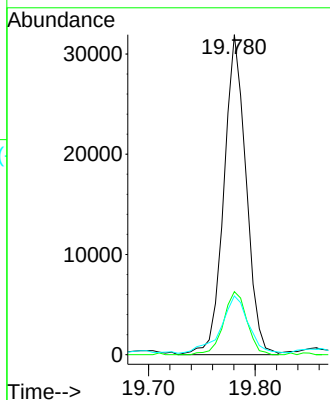
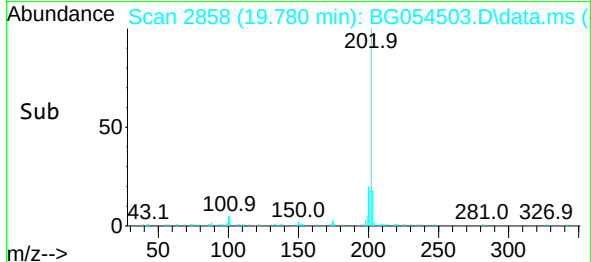
Instrument :
BNA_G
ClientSampleId :
RVE-142



Tgt Ion:202 Resp: 46080
Ion Ratio Lower Upper
202 100
200 19.7 16.6 24.8
203 18.4 14.6 21.8

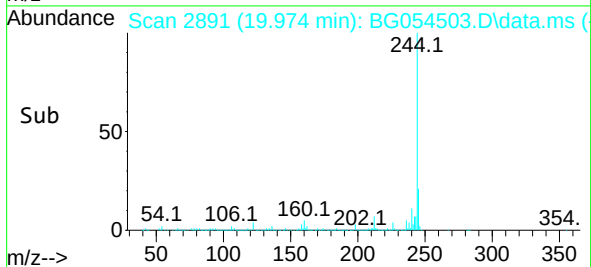
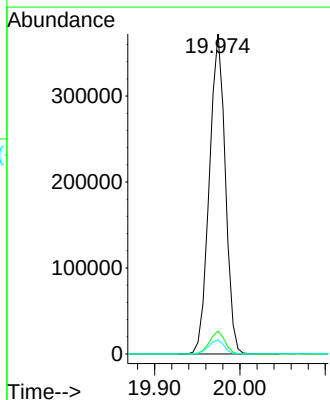
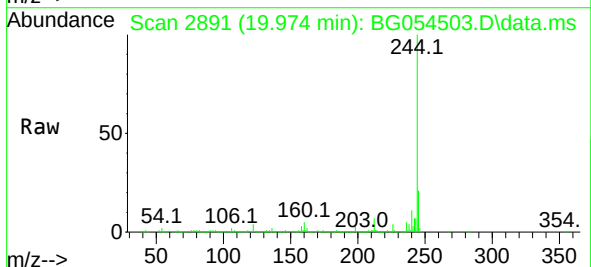
Manual Integrations
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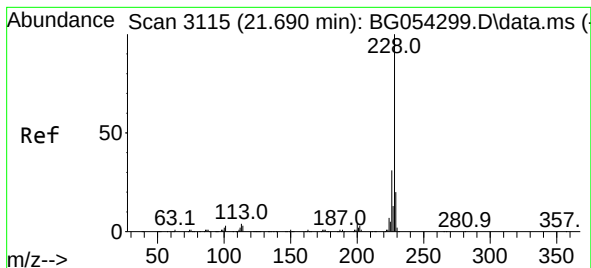
Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#79
Terphenyl-d14
Concen: 65.446 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

Tgt Ion:244 Resp: 485466
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.4 5.0 7.4





#83

Chrysene

Concen: 3.356 ng

RT: 21.678 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG054503.D

Acq: 3 Aug 2022 17:24

Instrument :

BNA_G

ClientSampleId :

RVE-142

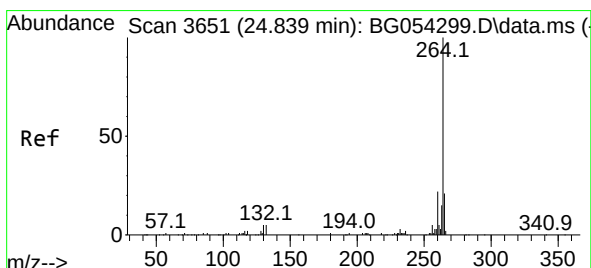
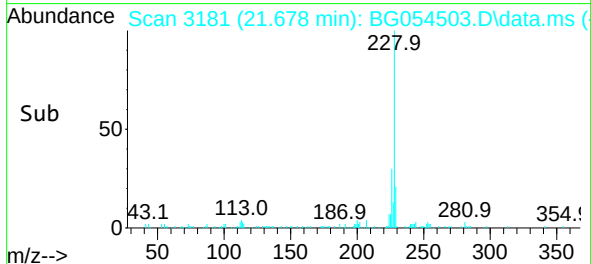
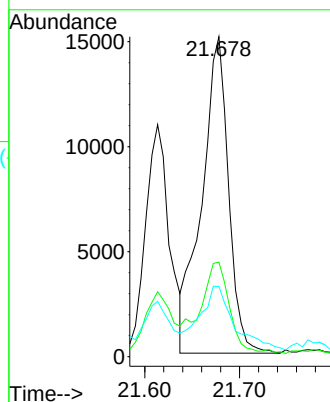
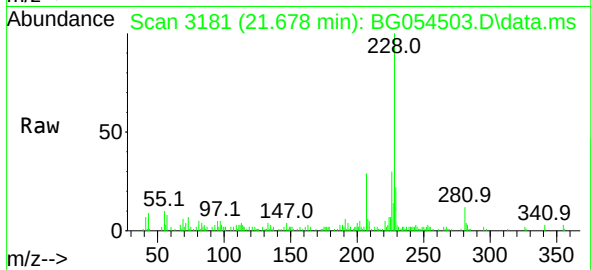
Tgt Ion:228	Resp:	2962
Ion Ratio	Lower	Upper
228	100	
226	29.5	23.4 35.2
229	21.9	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/04/2022

Supervised By :Jagrut Upadhyay 08/05/2022



#86

Perylene-d12

Concen: 20.000 ng

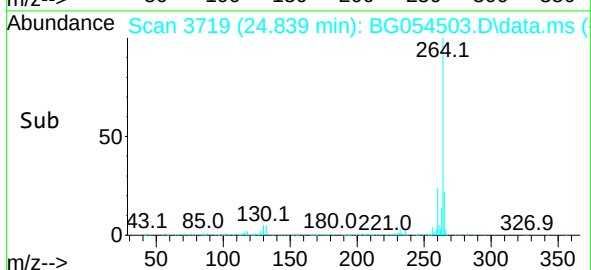
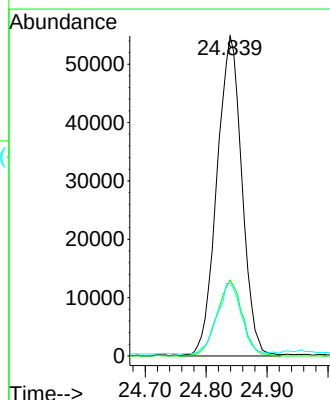
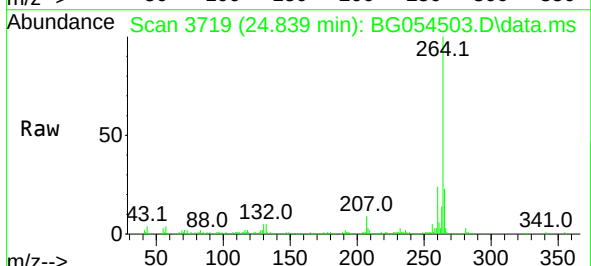
RT: 24.839 min Scan# 3719

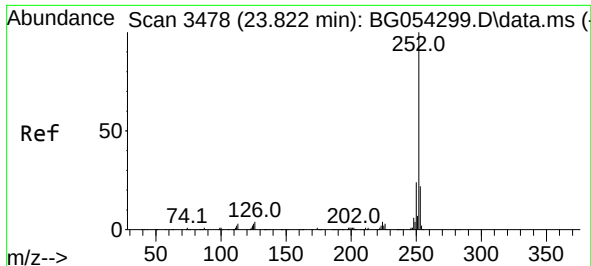
Delta R.T. 0.006 min

Lab File: BG054503.D

Acq: 3 Aug 2022 17:24

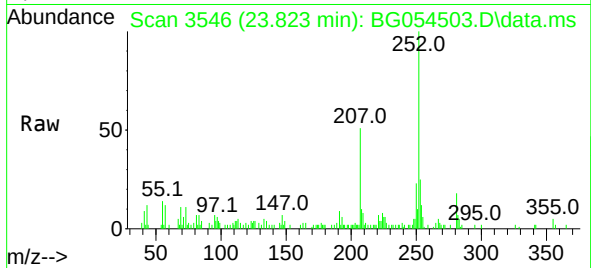
Tgt Ion:264	Resp:	156354
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.0 28.6
265	22.6	17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.736 ng m
RT: 23.823 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24

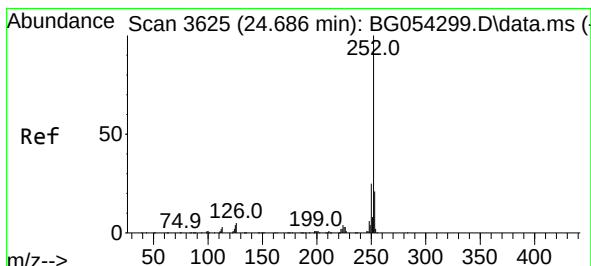
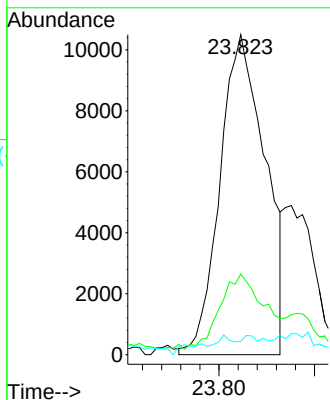
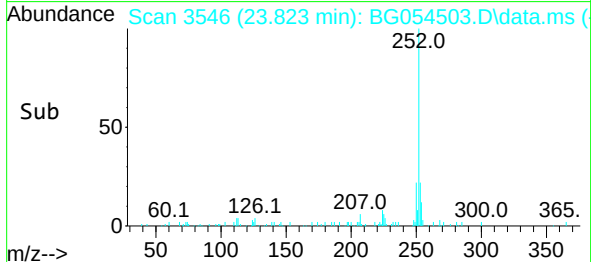
Instrument :
BNA_G
ClientSampleId :
RVE-142



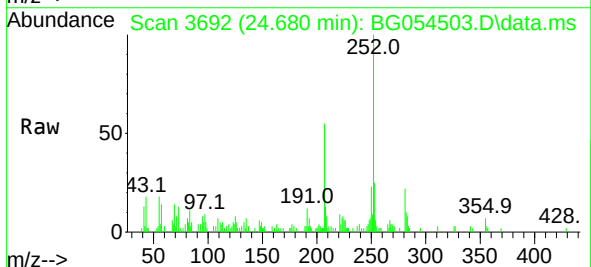
Tgt Ion:252 Resp: 3454
Ion Ratio Lower Upper
252 100
253 25.2 18.0 27.0
125 4.2 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#90
Benzo(a)pyrene
Concen: 2.988 ng
RT: 24.680 min Scan# 3692
Delta R.T. -0.006 min
Lab File: BG054503.D
Acq: 3 Aug 2022 17:24



Tgt Ion:252 Resp: 23599
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 7.5 4.3 6.5

